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FCC 13-39

**Before the  
Federal Communications Commission  
Washington, D.C. 20554**

In the Matter of )

Reassessment of Federal Communications )  
Commission Radiofrequency Exposure Limits and )  
Policies )

ET Docket No. 13-84

Proposed Changes in the Commission's Rules )  
Regarding Human Exposure to Radiofrequency )  
Electromagnetic Fields )

ET Docket No. 03-137

To: Office of the Secretary  
Federal Communications Commission  
Washington, DC 20554

Comment Filed by: SHELLEY MASTERS  
336 Banchero Street  
Sonoma, CA. 95476  
Shellmasters21@gmail.com  
415-336-5548

September 3, 2013

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**AFFIDAVIT OF – SHELLEY MASTERS**

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State of CALIFORNIA

SONOMA County ]

I, SHELLEY MASTERS, attest that my statements are true to the best of my knowledge.

**Comment** round for FCC ET Docket No. 013-84 and ET Docket No. 03-137

1. My name is SHELLEY MASTERS. My address is 336 BANCHERO STREET, SONOMA, CA 95476
2. I am a professional artist of 35 years. I am a painting contractor and I paint murals and interior art work for private residences and commercial spaces. I have painted in over 1000 upscale homes in the San Francisco Bay Area. I am also an art teacher and I had an art school from 1996 to 2001 in San Francisco.
3. I support change in the FCC RF safety guidelines. The indiscriminant use of artificial pulsed microwave radiation is not compatible with biological life.
4. Attached is my experience of being harmed by the indiscriminant use of this wireless artificial pulsed radiation.

Respectfully submitted by:

Shelley Masters

336 Banchero Street

Sonoma, CA 95476

September 3, 2013

SHELLEY MASTERS  
336 Banchero Street  
Sonoma, California  
95476  
[shellmasters21@gmail.com](mailto:shellmasters21@gmail.com)  
415-3367-5548

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During the last two weeks of December 2010, one third of my hair fell out. It came out in handfuls. I went to a dermatologist and she did a biopsy and said that all of my hair was in "resting phase". Hair has three phases - growing, resting and falling out. She asked me if I had been in an accident or suffered some unusual stress. I hadn't. She said my hair showed that my body had experienced a big stressful event, like having a baby, or a car accident. I didn't know of any event. The body goes into shut down mode when this happens and it uses its energy for functions other than producing hair.

The next few months I felt fatigued. The fatigue was with me all the time. It was hard to do my work, my profession, which requires physical labor. I was exhausted all the time. I could fall asleep anywhere and any time. It was as if I never got any sleep. I would wake up exhausted. I could fall asleep anywhere, anytime. I was barely functional and went to several doctors.

I also felt depressed, but it was a strange kind of depression. I felt like something was pressing on my chest. I felt like my heart was broken. I felt this all the time, morning, noon and night. I felt this when I would wake up in the middle of the night. I had nothing to be depressed about. I live in a great city. I have a nice house. I have a good profession where I do art for interior designers and architects. I love my life. I've never experienced this feeling, ever.

I noticed one day that the two sides of my face looked different. My left side looked horrible. My eyelid was drooping and there was a sty growing on my lower eyelid. My cheek looked inverted. Also, I had a patch of skin on the left side of the back of my head that itched horribly. Everything was on the left side. My dermatologist couldn't figure out why it was raised and pink on one side only. It was from the top of my head to the bottom of my neck. There was also a place on the round of my left shoulder that itched the same way. Nothing would satisfy the itch. It burned, too. My doctor prescribed several ointments and shampoos. None of them worked.

I would wake up with my heart beating wildly. There was no dream, there was no outside disturbance. I could actually see it beating inside my chest. It would happen several times a week. It always happened between 3AM and 3:30 AM. I remember often when I would wake up with a start, out of a deep sleep, that my cell phone, that I had on the night stand to use as an alarm, would be chirping.

I was having trouble thinking. I couldn't concentrate. It was very strange, I couldn't do things in sequence, I couldn't process my thoughts. I felt mesmerized when working at

home. My spelling was fine, my math was fine, and my recall of people's names and numbers were fine.

I took an online class on EBay three times, because I couldn't get the sequence in which to do the steps. I remember one time trying to write out a bid for a job and it took me four hours to figure it out. It was so simple and normally a bid like this would take a half hour, not a whole day. I couldn't process my thoughts right. I thought I was going crazy. My work suffered. One day it took the whole day to just decide on a simple font for a document.

In my art profession I work at home half the time and on site the other half. Many times I remember sitting on the couch in the middle of the day and just disappearing. I would just go out, I would just go blank and ten minutes later I would think... what just happened?

I remember that taking showers always made me feel better, my skin felt like it was sunburnt, when I hadn't exposed myself to the sun. There were days I took four showers. Also, I would feel better at night. I felt much more energy after dark or after 7 pm. Early, early mornings were fine, too. The worst time was from around noon to 7PM. I started shopping at night. After about a year I was unable to leave my house during the day. I had an irrational fear. It didn't make any sense.

I couldn't concentrate and I couldn't think. I couldn't exercise because I was so exhausted. My doctor said I had an undiagnosed inflammatory condition. I was on an anti-inflammatory diet and on medication that helped the condition, but no one knew what was wrong. I did an intake with a psychiatrist for the depression and he said I was mentally fine, but he would give me medication for the depression. The medication did nothing. I took it for six months.

The itching had become so bad that no matter how much I scratched I couldn't stop the itching. I have a friend who is a surgical nurse for a local hospital. I told her of how the itching specifically felt – like steel wool drenched in acid stuffed under my skin. No amount of hot, or cold compresses, no topical or oral medicine, or scratching stopped the itching. She said it sounded just like the description of her patient's itchiness when they were on chemotherapy. At the time I had no understanding of her comment about the symptoms of chemotherapy radiation.

In March of 2012 I started to get nosebleeds at night and I was waking up almost every morning with my heart racing. I was a mess. I couldn't think, I couldn't concentrate, I was depressed, I was fatigued, I had gained lots of weight and I couldn't exercise. I couldn't do my profession.

When I tried to go for a walk in my neighborhood, I felt like I would collapse. I had also developed incontinence and I had to go to the bathroom every 45 minutes. My doctor said that incontinence was part of the mysterious inflammatory condition. He did a blood work up on me and everything was in an acceptable range. Nothing looked unusual.

One night I woke up with my heart racing and once again another bloody nose. I had never ever had a bloody nose in my life. I started to cry. I wanted to die. I knew I wasn't depressed. But I knew something was terribly wrong.

**How I found out it was the Smart meter:** I turned on the radio one night after waking up with my heart racing around 3 AM and I caught the last few minutes of a talk show on Smart meters. The person calling into the show listed the health effects of Smart meters.

Even after a year and a half of this experience of symptoms, I remember thinking to myself at the time, about the person on the radio - "What a dummy! Smart meters don't put off enough power to harm you. It's not even as much as a 60 watt light bulb or a cell phone call." I had embraced the new technology. I didn't even remember when mine was installed. I didn't care. This new technology was about energy consumption and I felt it was a great idea to know what you were consuming.

She listed the symptoms and I had all of the symptoms of "microwave sickness" or "microwave illness". I hadn't put them together as one thing. I didn't know that the depression was related to the nosebleeds or the pressure on my heart had something to do with the lack of concentration.

I certainly didn't expect an environmental exposure. I was surprised to find out that microwave illness is well documented. These were my symptoms:

- Hair loss
- Heart palpitations
- Insomnia
- Pressure on the heart
- Depression for no reason
- Itchy and burning skin
- Inability to concentrate
- Anxiety
- Chronic fatigue
- Thought processing difficulties
- Nose bleeds
- Ringing in the ears - constant

The gas Smart meter was about 6-7 feet from my headboard of my bed, on the outside. On the other side of the meter there was a mature, 25 year old Rhododendron. It was all brown except the top leaves. I had had two nursery people over to help me save it. We couldn't figure out what it was that was turning the leaves brown. There were no insects; there was no mold or mites. I looked at the plant again and noticed that there was a very exact line that went straight across, the brown leaves below, the bright dark green leaves above. The plant also had been affected by the radiation from the Smart meter. It has also recovered since the removal of the meter.

I called PG&E and had the meter removed. They came 10 days later. I am being charged \$75.00 for the removal and \$10.00 a month for not having the meter. I slept in my bathroom on the floor away from the meter and over at a friends house whose neighborhood didn't have them yet during those 10 days.

I slept through the night with no heart racing or bloody noses. The itchy burning area on the left side of my head and my shoulder had faced the Smart meter in my sleeping position in my bed. I sleep on my stomach with my face to the right. The area that had a rash, and that horribly itched was on only on the left side of the back of my head; the side that faced the Smart meter – the side that was exposed 8 hours a night. I had a Smart meter on both sides of my house, one for gas and one for electricity.

Sleeping away from the Smart meter my symptoms almost immediately disappeared. I felt more energy and my head cleared.

I called PG&E to find out when the meter was installed. It was installed December 2010 just before Christmas. This was at the same time that I lost a third of my hair and the beginning of all of my symptoms that lasted for a year and a half.

This pulsed microwave communication is dangerous and I believe that the utility company has heard hundreds of stories, many like mine. The person who removed the meter said that my experience, though extreme, was typical of the complaints. She also stated that PG&E had weekly meetings where they reported the experiences of the people who were having the meters removed.

This experience has cost a minimum of \$7500. in doctor bills. I was unable to work and this cost me a year and a half of wages, approximately \$75,000. I had just moved to Sonoma and I was unable to market and establish myself in the community and have had to live on my retirement savings to cover this \$75,000. I now have developed sensitivity to many RF fields. My new sensitization makes it impossible for me to be around the DECT portable phones and most WiFi radiation. I can also feel fluorescent lights and I have an allergy to what I know to be dirty electricity. I have had much of my electrical wiring in my home insulated.

I have purchased meters and had a professional electrical engineer mitigate the fields in my home that are affecting me the most. A body voltage meter was used to identify what I was sensitive to and it has made a remarkable difference shielding some of the walls and insulating some of the wiring. I have turned off most of my circuits and only turn on the ones I need to use when I need to use them. This has cost me over \$5000. to mitigate.

I have permanent tinnitus. It is a high-pitched ringing that is 24/7. I have improved, but I still have an inflammatory condition. I am in the process of finding another place to live where there is no smart meter grid and reduced cell tower and Wifi coverage. When I am in places with lots of Wifi, or in a home with a DECT phone I have heart palpitations and my skin starts to burn and I have difficulty concentrating and finding my words.

I am also worried about possible brain damage from sleeping next to the Smart meter for 8 hours a day for a year and a half. It is my understanding that tumors take many, many years to develop. The studies of radiation victims in Japan show that damage from exposure to radiation takes time to show up and is different for different individuals. There is no way to find out how this will affect me in the future.

And, because of my newly developed sensitivity I will now have to move from my home to a place where I am not in the Smart meter grid, perhaps out of state, leaving all of my friends and business contacts. I may never be able to work again at my profession.

What is this worth? Millions!

How can I put a number to the cost of developing a tumor, or developing early Alzheimer's disease due to this encounter with the Smart meter technology and the additional exposure to other artificial radiation regulated by the FCC? \$100,000. per year in a nursing home? For 10 to 20 years? It's incalculable.

You have a duty to protect the public from this artificial radiation. This is not about restricting industry unfairly. Everyone is affected. Everyone is in harm's way. This must be scientifically studied with NON industry tests.

*Sully Noster*  
*September 3, 2013*  
*Sonoma, CA.*  
*95476*